

Do NOT  
enter all  
claims amended  
after final.

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A single phase induction motor, comprising:

a stator installed in an inner circumferential surface of a motor body, a plurality of coils being wound on the stator;

a rotor rotatably installed in a center portion of the stator and provided with a rotation shaft at a center thereof; and

a magnet unit freely and roatably installed between the stator and the rotor, the magnet unit being separated from the stator by a first air gap and from the rotor by a second air gap, wherein the magnet unit comprises a back yoke and a plurality of magnets attached to an outer circumferential surface of the back yoke, said plurality of magnets substantially surrounding the entire outer circumferential surface of the back yoke,

wherein the magnet unit is coupled to a supporter, and the supporter is integrally injection-molded at one side of the magnet unit.

2-9. (Canceled)